Abstract of the Disclosure

One aspect of the present invention relates to isolated nucleic acid molecules (i) encoding proteins or polypeptides of *Pseudomonas* CEL and EEL genomic regions, (ii) nucleic acid molecules which hybridize thereto under stringent conditions, or (iii) nucleic acid molecules that include a nucleotide sequence which is complementary to the nucleic acid molecules of (i) and (ii). Expression vectors, host cells, and transgenic plants which include the DNA molecules of the present invention are also disclosed. Another aspect relates to the isolated proteins or polypeptides and compositions containing the same. The nucleic acid molecules and proteins of the present invention can be used to imparting disease resistance to a plant, making a plant hypersusceptible to colonization by nonpathogenic bacteria, causing eukaryotic cell death, and treating cancerous conditions.